

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	90	(latent adj shrinkage)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:11
L3	7	2 and binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:12
L4	37	2 and (nonwoven non-woven)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:12
L5	6	(latent adj shrinkage adj force)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:17
L6	1660	(264/479,288.4,289.6).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:23
L7	561	(nonwoven non-woven) and (polyester near3 filaments) and binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:23
L8	1	6 and 7	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:23
L9	69	7 and (roofing)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:26
L10	137	(nonwoven non-woven) and (polyester near3 filaments) and binder and (stretched stretching)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:28
L11	116	(nonwoven non-woven) and (polyester near3 filaments) and binder and (stretched stretching) and temperature	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:31
L12	19	(nonwoven non-woven) and (polyester near3 filaments) and binder and ((stretched stretching) near10 temperature)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:42
L13	47	(nonwoven non-woven) and (polyester near3 filaments) and ((stretched stretching) near10 temperature)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 08:53
L14	21	wolfgang.in. same greiser.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 09:09
L15	6	roger.in. same souther.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 09:09

L16	1	bertrand.in. same weither.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 09:09
L17	2	("6436510").FN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/19 09:15
L18	0	("6436510").URPN.	USPAT	OR	OFF	2010/07/19 09:18
L19	5	("4234639" "5171629" "5307604" "5616395" "5666776").FN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/19 09:18
L27	0	(nonwoven nonwoven) same (polyester adj filaments) and crystallization	DERWENT	OR	OFF	2010/07/19 09:25
L28	0	((nonwoven nonwoven) same (polyester adj filaments)) and crystallization	DERWENT	OR	OFF	2010/07/19 09:25
L29	28	((nonwoven nonwoven) same (polyester adj filaments)) and crystallization	US-PGRUB; USPAT; DERWENT	OR	OFF	2010/07/19 09:25
S1	1	10/577,889	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 10:16
S2	19	wolfgang.in. same greiser.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 10:29
S3	6	roger.in. same souther.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 10:29
S4	1	bertrand.in. same weither.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 10:29
S5	4	("4429002").FN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:00
S6	598	(442/401).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:02
S7	295	(442/402).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:02
S8	344	(442/408).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:02
S9	305	(442/85).CCLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:02
S10	2330	(roofing roof sealing) and (nonwoven non-woven unwoven) and (polyester pet terephthalate) and (shrink shrinkage)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:03

S11	790	S10 and binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:03
S12	410	S11 and core	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:03
S13	33	(S6 or S7 or S8 or S9) and S10	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:04
S14	2	("6235657").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:18
S15	1	S14 and reinforcement	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:19
S16	292	(spunbonded spunbond) and (nonwoven non-woven unwoven) and (polyester pet terephthalate)	DERWENT	OR	OFF	2009/06/29 11:20
S17	39	S16 and binder	DERWENT	OR	OFF	2009/06/29 11:21
S18	2	("5118550").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 11:25
S19	13	("5118550").URPN.	USPAT	OR	OFF	2009/06/29 11:25
S20	14	("2744041" "3707432" "3867245" "4173670" "4307145" "4440819" "4464429" "4504539" "4532169" "4581275" "4595438" "4755423").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/06/29 11:31
S21	3562	(nonwoven unwoven non-woven) same (polyester pet terephthalate) same binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 12:29
S22	102	(S6 or S7 or S8 or S9) and S21	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 12:30
S23	598	(442/401).COLS.	US-PGRUB; USPAT	OR	OFF	2009/06/29 12:43
S24	62	S23 and (polyester near3 filaments)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 12:44
S25	2	("6764968").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 12:57
S26	4	("4435466" "4589804" "5286798" "5891541").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/06/29 13:02
S27	0	("6764968").URPN.	USPAT	OR	OFF	2009/06/29 13:03

S28	1927	johns.as. same manville.as.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 13:15
S29	318	S28 and roof\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 13:15
S30	34	S29 and core	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 13:15
S31	3236	(roofing or (sealing near2 membrane)) and (nonwoven non-woven unwoven)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 13:24
S32	83	S31 and (polyester near3 filaments)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 13:24
S33	14	("2744041" "3707432" "3867245" "4173670" "4307145" "4440819" "4464429" "4504539" "4532169" "4581275" "4595438" "4755423").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/06/29 13:36
S34	0	"6436510".pn. and (stretch stretching)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 14:48
S35	0	"6110846".pn. and (stretch stretching)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:08
S36	0	"5118550".pn. and (stretch stretching)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:08
S37	7318	(roof roofing) and (stretched or stretching adj unit))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:14
S38	564	S37 and (nonwoven unwoven non-woven)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:14
S39	410	S38 and polyester	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:14
S40	146	S39 and binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:15
S41	21145	(nonwoven unwoven non- woven) and (stretch stretching)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:51
S42	4240	S41 and binder	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:51
S43	598	(156/494).CQLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:55

S44	88	S43 and (nonwoven unwoven non-woven)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:56
S45	1	S44 and roof	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:56
S46	2	S44 and roofing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 15:56
S47	1	(nonwoven non-woven unwoven) same polyester same binder same (stretch stretching) and shrinkage	DERWENT	OR	OFF	2009/06/29 16:17
S48	8	((("3276944") or ("3338922"))). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/29 16:18
S49	98	((("20020061379") or ("20040224176") or ("20050148250") or ("20070190875") or ("20080248244") or ("4248926") or ("4362586") or ("4451171") or ("4452850") or ("4458043") or ("4491617") or ("4529625") or ("4530652") or ("4539254") or ("4589804") or ("4595636") or ("4600635") or ("4610902") or ("4617229") or ("4762744") or ("4780350") or ("4827686") or ("4853128") or ("4874567") or ("4879163") or ("4996812") or ("5026746") or ("5316713") or ("5380786") or ("5391246") or ("5439726") or ("5472607") or ("5474838") or ("5569430") or ("5593766") or ("5695373") or ("5837181") or ("6054178") or ("6207593") or ("6235657") or ("6274043") or ("6296912") or ("6296921") or ("6360506") or ("6372379") or ("6412154") or ("6531200") or ("6764968") or ("6864194") or ("7199065"))). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 15:12

S50	50	((("20020061379") or ("20040224176") or ("20050148250") or ("20070190875") or ("20080248244") or ("4248926") or ("4362586") or ("4451171") or ("4452850") or ("4458043") or ("4491617") or ("4529625") or ("4530652") or ("4539254") or ("4589804") or ("4595636") or ("4600635") or ("4610902") or ("4617229") or ("4762744") or ("4780350") or ("4827686") or ("4853128") or ("4874567") or ("4879163") or ("4996812") or ("5026746") or ("5316713") or ("5380786") or ("5391246") or ("5439726") or ("5472607") or ("5474838") or ("5569430") or ("5593766") or ("5695373") or ("5837181") or ("6054178") or ("6207593") or ("6235657") or ("6274043") or ("6296912") or ("6296921") or ("6360506") or ("6372379") or ("6412154") or ("6531200") or ("6764968") or ("6864194") or ("7199065"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/30 15:12
S51	20	S50 and shrinkage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 15:13
S52	682	(nonwoven non-woven unwoven) same (polyester pet) same binder	DERWENT	OR	OFF	2010/01/30 15:32
S53	70	S52 and (roof roofing sealing sealant)	DERWENT	OR	OFF	2010/01/30 15:32
S54	308	(442/85).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 15:52
S55	4	("4429002").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 15:52
S56	39	S52 and (shrinkage stretching stretch)	DERWENT	OR	OFF	2010/01/30 15:57
S57	48	S52 and (shrinkage stretching stretch tension)	DERWENT	OR	OFF	2010/01/30 15:57
S58	3196	(nonwoven non-woven unwoven) same (polyester pet) same binder	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/01/30 16:08
S59	796	S58 and (shrinkage stretching stretch)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/01/30 16:08
S60	115	S59 and (roof roofing sealant shingles)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/01/30 16:09

S61	19	wolfgang.in. same greiser.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 16:22
S62	6	roger.in. same souther.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 16:22
S63	2	("5554830").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/30 16:29
S64	836	(264/288.4).CQLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 08:53
S65	544	(264/289.6).CQLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 08:53
S66	2	(S64 or S65) and (nonwoven non-woven unwoven) and (polyester near4 filaments)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 08:54
S67	35	(S64 or S65) and (nonwoven non-woven unwoven) and shrinkage	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 08:55
S68	19	(S64 or S65) and (roof roofing)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 09:32
S69	3	(S64 or S65) and (nonwoven non-woven unwoven) and S68	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 09:33
S70	4	(roofing or roof) and (latent adj shrinkage)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 09:53
S71	2	("5554830").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 09:55
S72	2	("6436510").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 10:57
S73	0	S72 and (drawing draw tension stretch)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 10:57
S74	1	S72 and (drawing draw tension stretch pressure)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 10:57
S75	0	S72 and drying	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 10:58
S76	0	S72 and oven	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 10:58
S79	836	(264/288.4).CQLS.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 11:21

S80	80	S79 and (nonwoven non-woven)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 11:21
S81	16	S79 and (roof roofing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/01 11:26

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	0	(264/479,288.4,289.6).CCLS.	UPAD	OR	OFF	2010/07/19 09:19
L21	0	(442/85).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
L22	0	(156/494).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
L23	9	(442/401).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
L24	0	(442/402).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
L25	0	(442/408).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
L26	0	(442/85).CCLS.	UPAD	OR	OFF	2010/07/19 09:20
S77	0	(264/289.6).CCLS.	UPAD	OR	OFF	2010/02/01 08:53
S78	1	(264/288.4).CCLS.	UPAD	OR	OFF	2010/02/01 08:53

7/19/10 9:57:38 AM

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